

# The Carbon Chronicle

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ACME, ALBERTA, THURSDAY

OCTOBER 21st, 1954

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We regret to report the death of John MacDonald, who was a school teacher here for seven or eight years in the thirties and roamed at the Carbon Hotel. Mac, as he was known, had many friends here. He had been teaching at Minnehik, Alberta.

He is survived by his wife, Kate Mary; two brothers, Dr. George MacDonald, Toronto; Angus MacDonald in Scotland; two sisters, Mrs. Kate McPhail, Hamilton, and Mrs. Mary McKenzie, Scotland.

Mr. and Mrs. Glyde Anderson left this week for Amherst, Nova Scotia to spend the winter.

**BORN**—To Mr. and Mrs. Jack Appleyard on Oct. 16th, a daughter, in the Drumheller Municipal hospital.

Mr. and Mrs. George Smith and children of Drumheller were Sunday visitors at the home of Rev. and Mrs. J. Roberts.

Mr. and Mrs. Jim Stubbart of Drumheller were Sunday visitors at the home of Mr. and Mrs. B. Stubbart.

Mr. and Mrs. Len Poxon were Sunday visitors at the home of Mr. and Mrs. Fred Poxon of Drumheller.

Activity was great at 10 a.m. Monday morning when all our local hunters were out with guns and what have you taking off to run down the pheasants on our country roads.

**FOR SALE**—Two Young Brood Sows. Young Purebred Bacon Type Boar. All weigh around 200 lbs.—Contact Mrs. H. O. Young, Phone 1707, Grainger.

**FOR SALE**—Greenfeed Bundles.—Apply Miss F. Dewar, Hesketh or phone E. Grenier.

For  
GRAIN INSURANCE  
and  
FARM MORTGAGE LOANS  
**S. F. TORRANCE**  
PHONE No. 9 CARBON

**THE CARBON CHRONICLE**  
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Subscription—\$1.50 yr. Canada  
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**ADVERTISING RATES**  
DISPLAY RATES—Flat rate of  
Legal Ads.....12c and 8c  
Card of Thanks.....50c

Don't forget the I.O.D.E. Armistice Ball Nov. 10th. Watch for posters.

Jimmy Cooper and Wes Watts of Banff are spending a couple of days at the home of their parents Mr. and Mrs. James Cooper. They are making their usual hunting season visit.

Mrs. H. Hunt is spending a few days in Drumheller with her aunt Mrs. S. Cadman who has just come out of hospital.

Mrs. M. Evans of Regina is visiting her cousins, Mr. and Mrs. E. Maxwell, who she hasn't seen for 48 years.

## UNITED CHURCH SERVICE

The Carbon United Church was filled to capacity on Sunday evening, October 17 when the Grand Master of Alberta, Ancient, Free and Accepted Masons, Rev. Peter Dawson, conducted divine service.

Dawson, attended, clothed as Masons, and Brethren from Acme, Drumheller and Rockyford also attended. The sermon of the Grand Master was on the subject of "The Challenge of the Church to Free Masonry" and would serve to remove some erroneous ideas that the outside public may have regarding Free Masonry. He pointed out that FreeMasonry is a great helpmate to all Churches and religious denominations, and that it stresses the religious ideas that unite men instead of those that divide them. Fifty-one Masons attended this service, which is held annually near the date of the institution of Carbon Lodge No. 107, which was on October 11th, 1918.

This was the unanimous reaction of 1500 dealers and department heads from points as wide as plant in Oshawa, largest in Canada or the Commonwealth, on the second day of the convention. The enormous plant, Mr. Garrett reported, gives General Motors a productive capacity of 1350 vehicles a day, by far the Canadian auto industry's greatest.

Third-day highlight was a trip to St. Catharines and the new "push-button" foundry of McKinney Industries, a GM division. Steel men around the world regard the new foundry as the most modern in existence.

The new model developments, combined with the greatly stepped-up productive capacity resulting from GM's 100 million dollar

The musical part of the service was under the able direction of Mrs. Torrance who presided at the organ and had assembled a choir of 16 voices. Bro. R. S. Garrett and Bro. R. J. Garrett acted as ushers and were assisted by Wayne Garrett and Arthur Hoivik.

## MR. GARRETT ATTENDS CAR CONVENTION AT TORONTO

Mr. S. J. Garrett has recently returned from the history-making three day national Chevrolet Oldsmobile Dealer Convention which he described as "the largest and most significant convention in the history of the Canadian automotive industry."

"Startling design and power changes in the completely revamped Chevrolet for 1955", Mr. Garrett reported, "will make this the most important model ever to be offered the popular-priced field."

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## ANGLICAN NOTES

### Christ Church, Carbon

Sunday, October 24th at 11 a.m.  
Holy Communion.

SSunday, October 31st at 7:30 p.m.  
Evening Prayer.

Church School Every Saturday at 3 p.m.

Tuesday, October 26th at 8 p.m.  
Men's Meeting.

**Men's Meeting**—This important meeting will discuss and make

plans for the work of the men of our Church fellowship for the immediate future and possibly for the winter. Discussions will be led by Rev. E. H. Lewis and his laymen from Drumheller. There will be, we hope, a full representation from Acme and Three Hills. Please make a special point of attending. Refreshments will be served by the ladies.

**W.A.**—The ladies held an enjoyable and successful shower on October 20th as a preliminary to the Annual Bazaar which is to be held in November.

**St. Peter to hopeful:** Did you buy Canada Savings Bonds?



**Buy Canada Savings Bonds  
and don't say "What with?"**

## Saving money... and writing cheques



A bank offers you two types of deposit account, Savings and Current.



If your main purpose is to save, to accumulate funds, it's good to have a Savings account.



If you write cheques frequently, you will like the many advantages of a Current account.

The money you leave in a Savings account earns interest, and your bank book gives you an up-to-date, continuing record of your financial progress. If your funds are active, with frequent deposits and withdrawals, a Current account provides a special service; a monthly statement, together with your cancelled cheques—useful as receipts and a ready reference for budgeting, bookkeeping and other purposes.

**THE BANKS SERVING YOUR COMMUNITY**

## Conversion to national dialing soon

EDMONTON.—Plans for the eventual conversion to Canada's telephone systems to "national dialing" were discussed at a meeting of telephone industry representatives from the four western provinces, Ontario and Quebec.

Arnold Groleau, chairman of the engineering committee of the Trans-Canada Telephone System said the first step in the conversion would be to establish a system whereby an operator could dial directly any number in any major city.

The second stage would allow the customer to dial without aid of the operator.

No date was planned for completion of the system, Mr. Groleau said.

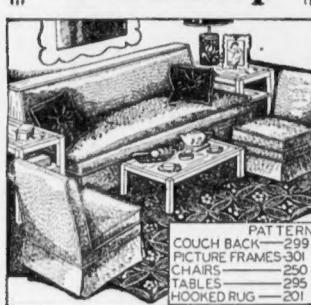
"In the present equipment in Edmonton and the steps which are planned for Calgary, Alberta has some of the most advanced dialing systems in Canada," Mr. Groleau said.

An Edmonton operator now is able to dial directly numbers in Calgary, Winnipeg and a number of other western centres. New equipment to be installed in Toronto will permit direct dialing to that area soon, he said.

### Do FALSE TEETH Rock, Slide or Slip?

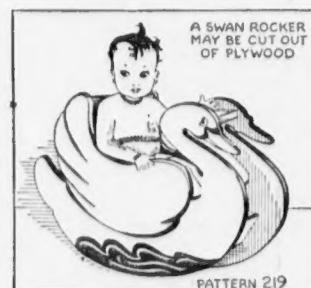
**FASSTEETH**, an improved powder to be sprinkled on upper or lower plates, holds false teeth more firmly in place. Do not slide, slip or rock. No gummy, gooey, pasty taste or feeling. **FASSTEETH** is alkaline (non-acid). Does not sour. Checks "plate odor" (denture breath). Get **FASSTEETH** at any drug counter.

## Home Workshop



PATTERN COUCH BACK—299  
PICTURE FRAMES—301  
CHAIRS—250  
TABLES—295  
HOOKED RUG—201

The furnishings of this room except the cabinets and couch were made with the five patterns listed. The rug was hooked in 12-inch squares. The design for the repeat is traced directly from the pattern to the burlap to make sure that the squares all match when sewn together. The table pattern covers five sizes. The chair pattern gives large sketches showing how to do the upholstery as well as the framework. Pattern 299 covers the back of the couch that is used for storing the bed linens for overnight guests. Patterns may be ordered separately at 35¢ each or all five patterns will be postpaid for \$1.50.



A SWAN ROCKER  
MAY BE CUT OUT  
OF PLYWOOD  
PATTERN 219

With modern materials and tools it is far easier to make beautiful toys at home than it was in grandfather's day. Just trace this actual-size pattern on plywood and cut out the graceful lines of the pair of swans. If you do not have a power saw mark the outlines on the material and take it to your nearest woodworkers who will saw it out while you wait. It is a quick and easy job to put the rocker together with screws after all the parts are cut out. Every step is shown on pattern 219 and the price is only 35¢ postpaid. If you are in a hurry to make this Swan Rocker, include 2¢ extra for first class mail or 5¢ for air mail. Pattern will be mailed the day order is received. Address order to—

Department P.P.L.,  
Home Workshop Pattern Service,  
4438 West Fifth Avenue,  
Vancouver, B.C.

Scientists believe that dinosaurs were ancestors of birds. 3110

### Funny and Otherwise

"Father was very pleased when I told him you were a poet."

"I'm glad to hear that."

"Yes, the last of my boys he tried to throw out was an amateur boxing champion."

It was the end of a cricket match, and a player who had batted badly and fielded even worse approached the captain.

"I think I'll get along now, if you don't mind," he said. "I've got a train to catch."

"Quite all right," said the captain. "Better luck with the train."

"Look here," said an indignant woman in a post office. "Your mistakes are getting too bad. My husband has gone to Newcastle on business, and this morning I had a letter from him with a Brighton postmark."

"One whole and one half-ticket, please," said a woman passenger.

The conductor stared at the boy sitting at her side. "You must pay full fare for that lad. He must be over fourteen."

"How can he be fourteen when I've been married only twelve years?" the passenger demanded, angrily.

"Madam," replied the conductor, icily, "I'm here to collect fares, not confessions."

You look downcast."

"Yes, my wife's been away six months."

"Well?"

"I wrote to her every week and said I was spending my evenings at home. She's back now and the electric light bill has just arrived. It's for half a dollar!"

An estate agent bought his little girl a beautiful furnished doll's house, and on his return after a week's absence asked her how she liked it.

"Oh, it's very nice, Daddy," she replied.

"But where is it, Betty?"

"Oh, I rented it furnished to Cousin Jill for a quarter a week."

## Earth a lot older than once thought

ROME.—The earth is a lot older than anybody thought—probably 4,200,000,000 years, give or take 10 percent, a Canadian scientist reported recently.

Men who write the textbooks told more than 1,000 scientists at the 10th world conference on geophysics that this figure brings the earth's age "in reasonable accord" with revised astronomical estimates. These estimates are that the universe is 5,000,000,000 years old, plus or minus a billion either way.

The 4,200,000,000-year estimate for the earth's age was reported as the "probable best new figure" in a paper submitted by D. W. Allen of the geophysics laboratory of the University of Toronto, who was not present at the conference.

He, and other experts who made reports in person, arrived at their figures by physics rather than geology.

The basis is the measurement of isotopic or radioactive factors in lead ores, and calculations of the rate of decay of naturally occurring radioactive isotopes.

### 105th BIRTHDAY

SASKATOON.—John Wesley Doull, who lives at the Provincial Convalescent Home here, has celebrated his 105th birthday. He was born in Prince Edward Island and graduated from Mount Allison University, Sackville, N.B., in 1873. He attributed his long life to moderation in all things.

### 10,000 WITHIN DECADE?

PRINCE ALBERT, Sask.—H. J. Fraser of Prince Albert, past governor of Kiwanis for Western Canada, says mining officials predict Uranium City will have a population of approximately 10,000 within the next decade. It now has a population of 700.

### GOOD FISHING YEAR

VANCOUVER.—Canadian and United States halibut fishermen hit the jackpot this year, splitting \$11,000,000 on the 1954 catch. They boasted a record 70,000,000 pounds of fish, representing 75 percent of the world catch.

## Patterns

### Floral Square!



10 inches



by Alice Brooks

Embroider lovely rose-design; crochet edge for a doily! Join two or more squares with easy-crochet or runners! Combine rose and plain squares for tablecloths!

Pattern 7234: 10x10 inch finished square! Four embroidery transfers; crochet instructions.

To obtain this pattern send twenty-five cents in coins (stamps cannot be accepted) to:

Department P.P.L., Household Arts Department, 60 Front Street W., Toronto.

Be sure to write plainly your Name, Address and Pattern Number.

BRIMFUL OF IDEAS — the 1954 Alice Brooks Needcraft Catalog. It has the most popular embroidery, crochet, sewing, color-transfer designs to send for. Plus 4 patterns printed in book. Send 25 cents for your copy. Ideas for gifts, bazaars, fashions.

Searchlights measure cloud heights as a weather forecast aid to aviators.

## Birth rate up death lower in August

OTTAWA.—The number of persons born in Canada in August reached a four-year high for the month.

The bureau of statistics said recently birth registrations in August totalled 37,837, a gain of eight percent over last year's figure of 34,882.

Cumulative registrations for the January-August period rose 6.9 percent to 287,306 from 268,648 a year ago.

The bureau also reported that deaths and marriages in August declined from last year.

Marriages dropped 5.5 percent in August to 13,255 from 14,048, and were down 2,000 from the July peak of 15,201. The total for the January-August period dropped to 75,946 from 78,431.

Deaths during the last 11 months have been consistently below last year. August deaths totalled 9,612 compared with 9,907 a year ago while the total for the first eight months of the year declined to 82,786 from 85,565.

### New research building ready

EDMONTON.—Ready for the new term at the University of Alberta is a new \$1,000,000 agricultural research and instruction building.

The newest campus edifice houses the department of plant science, animal science and soils, as well as offices for the horticulture department.

Canada has ten cities of more than 100,000 population, six in the East and four in the West.

### Fine HAND-KNITTING YARNS

At Factory-To-You Prices

Angora, Baby Wool, Boucle-Dress Yarn, Nylon, Reinforced, 3-4 Ply, Sock, Sport Wools, etc.

Write for FREE Sample Chart

### BARRY YARNS

Dept. 4, Box 782 Station B,

MONTREAL, QUEBEC

## 3 Dessert Treats from One Basic Dough!

It's easy with wonderful active dry yeast!



NEEDS NO REFRIGERATION!

Say goodbye to humdrum meals! Turn one tender-rich sweet dough into these three yummy dessert treats! It takes no time at all with amazing Fleischmann's Active Dry Yeast! This lively, zesty yeast acts fast... gives you perfect risings every time. If you bake at home, buy several packages now!

### BASIC FRUIT DOUGH

Prepare 1½ cups bleached or sultana raisins, washed and dried ½ cup finely-cut candied citrus ½ cup broken walnuts or pecans Scald 2 cups milk Remove from heat and cool to lukewarm. In the meantime, measure into a small bowl ½ cup lukewarm water 2 teaspoons granulated sugar and stir until sugar is dissolved. Sprinkle with contents of 2 envelopes Fleischmann's Active Dry Yeast Let stand 10 minutes, THEN stir well. Sift together three times 4 cups once-sifted bread flour 1 tablespoon salt 4 teaspoons ground cinnamon ½ teaspoon grated nutmeg

1/4 teaspoon ground cloves 1/4 teaspoon ground mace

Cream in a large bowl ½ cup butter or margarine ¾ cup lightly-packed brown sugar

Gradually beat in 1 well-beaten egg

Stir in lukewarm milk, dissolved yeast and sifted dry ingredients; beat until smooth and elastic. Mix in prepared fruits and nuts.

Work in 3½ cups (about) once-sifted bread flour

Turn out on lightly-floured board and knead dough lightly until smooth and elastic. Place in a greased bowl and grease top of dough.

Cover and set dough in a warm place, free from draught, and let rise until doubled in bulk.

Turn out dough on lightly-floured board and knead lightly until smooth. Divide into 3 equal portions and finish as follows:



### 1. Chop Suey Loaf

Knead 1/4 cup well-drained cut-up maraschino cherries into one portion of the dough. Shape into a loaf and fit into a greased bread pan about 4½ by 8½ inches. Grease top. Cover and let rise until doubled in bulk. Bake in a moderate oven, 350°, about 40 minutes. Brush top of hot loaf with soft butter or margarine.

### 2. Butterscotch Fruit Buns

Cream together ½ cup butter or margarine, ½ teaspoon grated orange rind, ½ cup corn syrup and 1 cup lightly-packed brown sugar. Spread about a quarter of this mixture in a greased 9-inch square cake pan; sprinkle with ½ cup pecan halves. Roll out one portion of dough on lightly-floured board into a 9-inch square. Spread

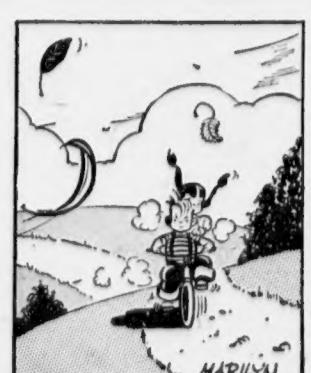
almost to the edges with remaining brown sugar mixture; roll up loosely, jelly-roll fashion, and cut into 9 slices. Place each piece, a cut side up, in prepared pan. Cover and let rise until doubled in bulk. Bake in a moderate oven, 350°, about 30 minutes. Stand pan of buns on a cake cooler for 5 minutes before turning out.

### 3. Frosted Fruit Buns

Cut one portion of dough into 18 equal-sized pieces. Shape each piece into a smooth round ball. Place, well apart, on a greased cookie sheet. Grease tops. Cover and let rise until doubled in bulk. Bake in a moderate oven, 350°, about 15 minutes. Immediately after baking, spread buns with a frosting made by combining 1 cup once-sifted icing sugar, 4 teaspoons milk and a few drops almond extract.

—By Chuck Thurston

### PEGGY



WATCH THIS CURVE, NOT SO FAST, SLOW DOWN---

## Canadian eyes turn northward as Arctic becomes strategic area



Eskimo children learn of world beyond the barren Arctic

By H. D. Crawford  
(CPC Correspondent)

OTTAWA.—A map or globe shows you that northern Alaska and the vast northeastern sweep of Canada's territories and islands bordering on the Arctic ocean form the rim of North America that is directly across the Polar region from Soviet Russia.

Realization that this vast portion of the continent might be the first land area to be crossed in the event of an aerial invasion from across the North Pole is not the only reason for a new awakening to the importance of the far north.

In Ottawa, especially, you find other reasons. The north offers alluring economic possibilities. People who live in the north, like people elsewhere these days, have problems that require attention. And, as another reason, the spirit of pioneering is still very much alive.

The government in recent months shuffled departments and set up a new department of Northern Affairs and National Resources.

A new kind of government job was also established, called

northern service officer. Requirements are high, living in frigid and remote regions is rigorous, and a northern service officer is expected to dedicate several years of his life to service among natives of the north.

Nevertheless, when the civil service recently advertised for applications to fill half a dozen northern service officer vacancies, Northern Affairs officials were amazed to receive more than 300 applications.

These northern service officers are responsible for administering Eskimo affairs. This includes carrying out programs to bring about better utilization of resources and to improve economic, cultural and social conditions. They develop and supervise Eskimo participation in local industries.

Prime Minister St. Laurent, at the time the Northern Affairs department was being set up, said, "This will be the first time that this designation 'Northern Affairs' will have appeared in the name of a department of the government of Canada, I hope it will be felt that it is desirable that this be done as one of the indications of the growing interest in the im-

portance of these northern territories."

The continent's northland covers a vast region. Canada's Yukon and Northwest territories have a combined area of 1,511,979 square miles—about 40 percent of Canada, which is larger than the entire United States.

Alaska has about 129,000 people, the Yukon 9,000, the NWT 16,000. That is not many people in terms of mid-continent standards, but it's a big increase for the north during the last decade.

Some towns have grown rapidly. Whitehorse, new capital of the Yukon, for example, grew from 754 to 2,594 between 1941 and 1951.

Mining and hydro-electric potentials are the challenging economic factors now turning Canadian eyes and efforts toward their northern frontier. Gold, which caused a stampede to the Yukon and Alaska at the turn of the century, is still a big item of wealth. The Yukon's 1952 gold output was \$2,700,000, and that in the NWT was \$8,400,000.

Uranium is one of the most precious minerals now pouring out of the NWT. Silver, lead, zinc, asbestos and other minerals are being discovered.

Prime Minister St. Laurent called parliament's attention to the fact that "the Canadian northland lies between the two greatest powers in the world, the United States of America and the USSR, and our own security is probably made more difficult to provide for by the fact that this northland of ours is between these two world powers. There will, no doubt, have to be joint measures taken for the security of the North American continent."

### Relates words to way of life for Indians

PRINCE ALBERT.—Teaching Indian children in the northern wilds is much the same as teaching anywhere else—but there are some differences.

John Goertzen, a teacher in northern Saskatchewan for the past 16 years, explained on a visit here that words like "car" and "train" aren't used in teaching primary pupils.

"A story about a train or an automobile doesn't mean much to a Metis child who has seen neither," John explained. "I just substitute 'plane' and 'canoe' and the children can gain more from the story since they are familiar with those modes of travel."

John would like to see a text book written specially for northern schoolchildren. He has suggested a group of northern teachers each write a story to be included in such a book.

Indian children are capable students and there are few truancy troubles, Mr. Goertzen said. "I've seen them come to school when it was 50 to 60 below."

Gasoline does not have a chemical formula. It is not a fixed, stable compound—it is a combination of them—and so has no chemical formula.

## Tallest man-made structure in world now under study

NEW YORK.—Robert R. Young's proposed new grand central skyscraper would tower higher than the Empire State building and would have more floor space than Chicago's mammoth merchandise mart.

It would be the tallest man-made structure in the world. It would be the largest commercial office building ever constructed. It would cost around \$100,000,000, the most ever spent on a single building in the United States.

### pipe-dream stage

So far this colossus is barely out of the pipe-dream stage.

But for a pipe-dream, it is off to a good start. The dreamers are two businessmen already famous for doing what most people wouldn't even consider.

Young, a "lone wolf" financier from Texas, pulled the rug out from under the management of the New York Central Railroad last spring by winning a stock-

holders' proxy battle for control of the line after Wall Street predicted he didn't have a chance.

His fellow-dreamer is William Zeckendorf, a 49-year-old real estate operator with a flare for big deals. His Webb and Knapp development company has bought and sold some of New York's most valuable property, and is remodeling—or planning to remodel—more than half a dozen city skylines around the country.

Young, who promised New York central stockholders he would make more money for them, says the railroad is losing \$24,000,000 a year operating the 50-year-old Grand Central terminal that is a midtown Manhattan landmark.

Much of this deficit, he says, results because the railroad is paying taxes on the "air rights" above the six-story terminal building and getting no revenue or use out of the space.

Young asked Webb and Knapp to figure out some way to use this gold mine of air. Zeckendorf and his architects came up with sketches and models of an 89-story office building which, Zeckendorf said proudly, is "the most unusual of its kind ever contemplated."

### Elevated Plaza

The ground-level area occupied by the railroad station would be covered by an "elevated plaza." From this would rise the tower of the building itself, offering 60,000 square feet of floor space on each floor, or 4,800,000 square feet altogether.

This would outdo the capacity of the merchandising mart in Chicago by 800,000 square feet. The merchandise mart is now the largest commercial office building in the world, its capacity topped only by Washington's Pentagon, which has 6,200,000 square feet of floor space.

The 80 floors would carry the skyscraper to a height of somewhere between 1,000 and 1,200 feet, and capping this would be an observation tower which would make the building higher than the 1,472 foot Empire State.

Webb and Knapp's planners did not estimate how much the building would cost, but said its return would be consistent with the value of the air rights over the site now occupied by the squat, ornate terminal building.

### Cost 100 million

Real estate men estimate a skyscraper of such height would cost around \$20 a square foot to build, or a total in the neighborhood of \$100,000,000.

The Empire State building, completed in 1931, cost \$52,000,000. It was worth just a shade under that when it was sold in 1951 by the estate of the late John J. Raskob. The Pentagon cost an estimated \$86,000,000 to build during World War II.

Yet to be disclosed—or perhaps to be figured out—is what to do with the 550 trains and 190,000 passengers entering and leaving Grand Central every day while the new building is going up. Webb and Knapp said hopefully the project could be undertaken with a minimum of disturbance to the traffic in and out of the terminal.

## New discovery could be key in common cold battle

NEW YORK.—A scientific discovery that at least some viruses change their shape may be the key to better ways of fighting the common cold and influenza. The discoverers—a research team at the University of Pittsburgh—told the national meeting of the American Chemical Society that the shape-change might amount to no more than the wrinkling of a virus' surface.

That would explain how, under face "features" of the virus, some conditions, a virus sticks itself to a healthy cell preparatory to invading it. A wrinkled surface sticks better to a smooth surface than another smooth surface. That's why automobile tires have treads.

Dr. Max A. Lauffer, spokesman for the team, did not limit his "practical hope" to virus infections, such as the common cold and influenza. He thought it might lead to new ways of fighting bacterial disease, too.

### Like tadpole

With Drs. Neil W. Taylor and Herman T. Epstein, he studied one particular virus—the one which infects the common bacterium, *Escherichia coli*, an inhabitant of the human intestinal tract. This virus can be seen under an ultra high-power electron microscope. It looks something like a tadpole.

An oddity of these viruses is that when they're whirled at tremendous speeds, they'll settle to the bottom of the liquid they're in at differing rates, the rate depending on whether the liquid is slightly acid or is neutral in acidity-alkalinity. If the former, they settle rapidly; if the latter they settle slowly.

Thus, acidity exercises an influence, and the scientists asked themselves why.

They reasoned that the viruses either joined together in large groups or broke up into fragments. Or they absorbed more water or held more water on their surfaces. Or they changed their shape. A series of experiments demonstrated it couldn't be the first two.

"The only other possibility left is change in shape," Lauffer said.

"We conclude that there must be a change in shape associated with pH (acidity-alkalinity) change. This conclusion is very important because it leads us to initiate studies to investigate previously unsuspected changes in the sur-

## Here Are Delicious Ways to Prepare Broilers and Fryers

BY DOROTHY MADDOX

THE Department of Agriculture reports that unusually large supplies of broiler-fryer chickens are now on the market. So let's take advantage of the lower prices.

Here's a wonderful version of that world-famous taste treat, Hungarian chicken paprikas:

### Chicken Paprikas

(Serves 4)

One-quarter pound salt pork, diced; 1 broiler fryer (3 to 3½ pounds ready-to-cook weight), cut in serving pieces; flour, 1 tablespoon red (Hungarian) paprika, 1 teaspoon salt, ½ cup Tokay wine or soup stock, 1 cup sour cream, 1 cup heavy cream, 3 medium onions.

Preheat electric skillet or heavy iron skillet. Place diced pork in skillet and fry for 10 minutes, turning frequently. Meanwhile, dredge chicken with flour. Blend seasonings into wine or stock and mix with cream. Shred onions.

When pork cubes are glazed and brown well on all sides, (about 10 to 15 minutes). Add onions, stir lightly; pour ½ of cream mixture over chicken and blend carefully. Cover skillet; turn heat low and cook for 20 minutes.

Add remaining cream mixture, cover and cook until chicken is tender (about 15 to 20 minutes). Sprinkle with paprika before serving. Serve with broad egg noodles.

If you enjoy the flavor of curry, here's a good recipe for you:

### Curry Broiled Chicken

(Serves 2 to 3)

Two and one-half to 3½ pounds broiling chicken, salt and pepper, 4 tablespoons butter or margarine melted; ½ to ¾ teaspoon curry powder, paprika.

Have butcher split chickens in half. Remove neck and backbone. Season inside and out with salt and pepper. Combine butter and



Chicken paprikas is only one of many zesty ways to serve fryers and broilers now in abundant supply.

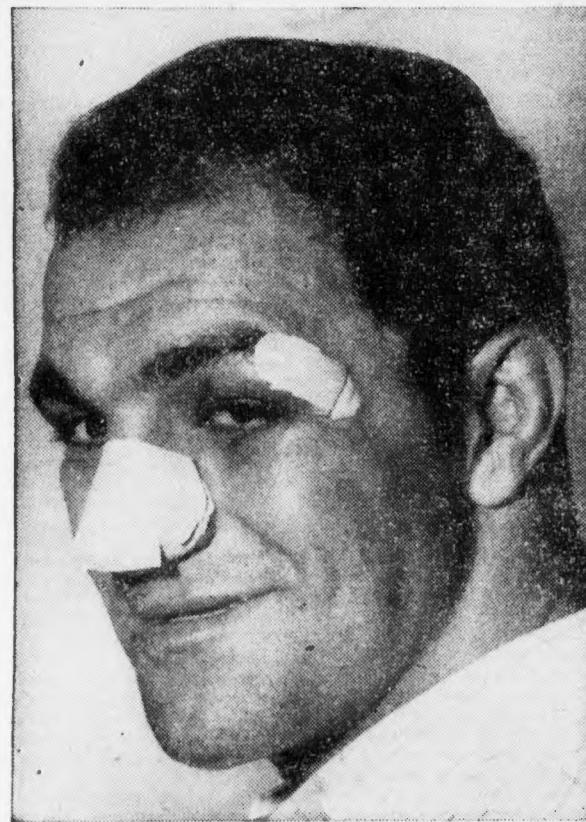
curry. With a pastry brush, coat chicken pieces on both sides with butter. Sprinkle lightly with paprika.

Place in flat, shallow pan 6 inches from flame. Start chicken cooking skin side down. Broil 15 to 20 minutes, or until golden brown and tender. Continue brushing with the butter mixture. Turn and broil 10 minutes longer.

# World Happenings In Pictures



**ACTRESS GINA LOLLOBRIGIDA**, who is frequently referred to as Italy's answer to Marilyn Monroe, blows a kiss as she arrives in New York for a 10-day visit to the United States. Miss Lollobrigida proved to be something of a diplomat when reporters directed questions at her about Miss Monroe. She said, "Marilyn Monroe is Marilyn Monroe and I am Gina."



**MORNING AFTER**—'Rocky' Marciano, all patched up after successfully defending his heavyweight crown against Ezzard Charles. He'll undergo plastic surgery to have his nose wound cleared up.



**"I GIVE UP"**—The workman obviously has given up the impossible task of talking to this metal-headed monster from another planet, and has thrown up his hands in despair. Obviously, that is, unless you consider the fact that he's O. R. Moody, a ground crewman at Chicago's airport, and that he is guiding a giant TWA Super Constellation to its berth at the passenger gates. The ship's searchlights, reflected in the nose window, produce weird effect.



**"EVERY TIME I WASH MY CAR"**—Here's a motorist's nightmare come true. This spanking-clean convertible, in suburban Whitestone, Queens, New York City, rapidly being covered by floodwaters, was only one of hundreds of cars inundated by hurricanes Carol and Edna when the rough-tempered girls swept the east coast. A news photographer took refuge on the car while snapping pictures for his paper.



**WINS WEIGHT IN GOLD**—Miss Mary McCrea, who once worried a little about her weight, puts her arms about the 148½ pounds of gold which equalled her weight as she was declared winner of the "your weight in gold" contest in San Francisco, Calif. In lieu of the precious metal Miss McCrea received a cheque for \$75,158.84, the cash equivalent. An unemployed stenographer, Miss McCrea won the contest, conducted by a soap manufacturer, for writing a 25-word sentence which pleased the judges.

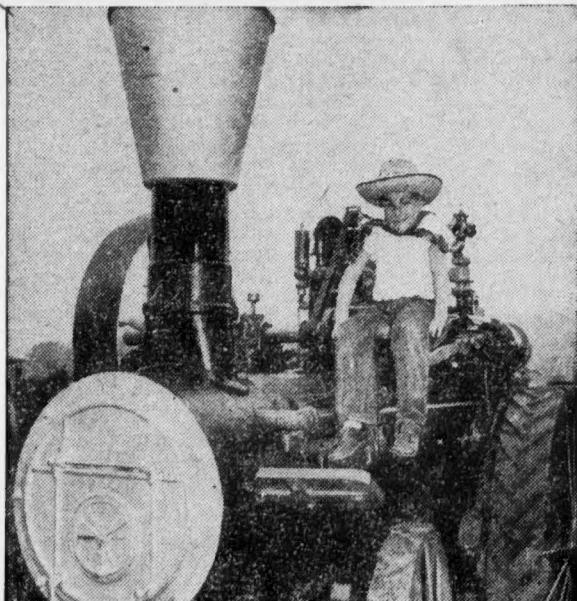


**THE DUKE OF KENT** gazes skyward at the Farborough, England, air show as a new multi-jet bomber makes its first public appearance.

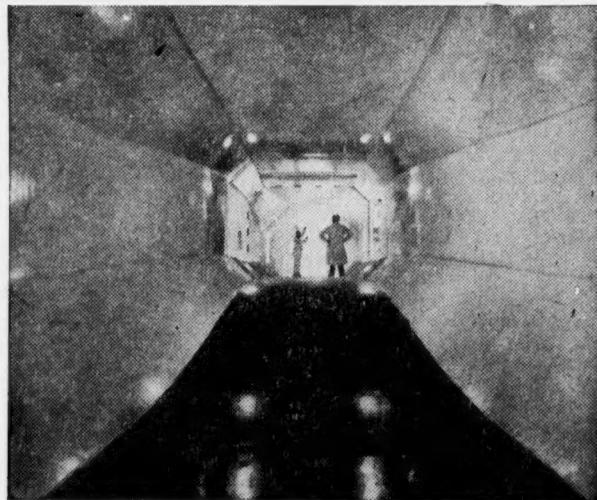
King Louis XVI sometimes wore a pair of solid platinum shoes.



**HARVEST QUEEN**—All these vegetables and Loretta Kaiser, 19, of Monrovia, Calif., go to make up a luscious dish, served up for the Los Angeles County Fair. Loretta reigned as the "Vegetable Princess" of the annual event, held this year at Pomona.



**PRAIRIE EXPRESS**—Tommy Lightner, four, youngest member of the Midwest Old Settlers and Threshers Association meeting at Mount Pleasant, Iowa, rides a 68-year-old Case steam engine, one of 36 ancient workhorses which once powered threshing equipment on farms. The old-time puffers were brought from various parts of the midwest for entry in a horsepower contest.



**AND NOTHING TO HOLD ON TO**—This highly polished tunnel would be no place to try and stand up in a breeze, let alone in the 170-mile-per-hour gale it is designed to carry. This is the business end of a De Havilland test tunnel at Hatfield, England. Engineers are standing in the plane-model testing area.



## Deliberately plunging into hurricanes is perilous task for weather fliers

JACKSONVILLE, Fla.—U.S. navy weather planes have been plunging into hurricanes for 10 years and the men who fly them concede they can't explain why they stick at it. The 35 officers and 200 enlisted men of Airborne Early Warning Squadron Four, the navy's "hurricane hunters", are not thrill-seeking youngsters. All but two of the pilots are married men, most of them veterans, and why they love their job is a mystery even to them.

They are all volunteers, get no extra pay and must stay on call 24 hours a day during the hurricane season from June 15 to Nov. 30.

Their job is to fly at wavetop level into each hurricane to chart its force and direction. Their reports give coastal towns time to prepare and hurricanes no longer take the same fearful toll as the howler which hit Galveston in 1900, killing an estimated 6,000 persons.

The squadron, based at the Jacksonville naval air station with a detachment at San Juan, Puerto Rico, operates under the control of fleet weather central in Miami. 150 m.p.h. winds

Because of the danger of flying into a hurricane which may have winds of more than 150 miles an hour, the pilots are "requested" and not ordered to enter the storm. Whether they do or not is up to them. They always do unless they feel it would definitely jeopardize the lives of their crews.

When word of a suspicious storm area is flashed from weather central, the crew of one of the squadron's six radar-equipped Neptune planes takes off.

Once in the hurricane it takes

### Quick Canadian Quiz

- Name the six Canadian cities that have more than 200,000 population.
  - To all governments are Canadians paying annual taxes of \$95 per capita, \$260, \$470?
  - Of the Great Lakes, which has the greatest area on the Canadian side of the international boundary?
  - What is the salary of the Governor General?
  - What government body has authority to grant radio and television broadcasting licenses?
- (Answers in another column)

### gems of thought

#### LIBERTY

Whatever enslaves man is opposed to the divine government. Truth makes man free.

—Mary Baker Eddy

Man is endowed by his Maker with certain inalienable rights, among which are life, liberty, and the pursuit of happiness.

—Constitution and Bill of Rights

Give me liberty to know, to think, to believe, and to utter freely according to conscience, above all other liberties.—Milton

"Proclaim liberty throughout all the land unto all the inhabitants thereof." —Inscription on Liberty Bell at Philadelphia

The God who gave us life, gave us liberty at the same time.

—Jefferson

## Helpful Hints

A good rule to follow when pressing garments is never to place a hot iron on the right side of any material except cotton. Always lay a cloth between the iron and the fabric.

To keep a stepladder from slipping nail pieces of felt or rubber on all four ends of the stepladder. This will prevent its slipping and causing a serious fall.

Instead of trying to shake the dirt out of a new floor mop after starting to use it, brush it with a whisk broom. The mop will always be fluffy and clean.

To prevent diced fruits from dropping to the bottom of a gelatine mold chill the fruits and add when the gelatine mixture has partly congealed.

\$110

## Good Hunting



### Auto co-pilot if you please

The next time your husband or your date scornfully calls you a backseat driver, says an article in the Saskatchewan Motor Club news, don't take it sitting down. Tell him you are an automobile co-pilot.

It's true that the type of back-seat driver you hear jokes about can be both a nuisance and a menace, but a good one can be a great help to the person at the wheel.

The good back-seat driver, the article explains, should take care of such things as map-reading, helping to plan the best routes, helping to watch for highway traffic signs, calling out directions and turns well in advance, and spot street addresses so the driver can concentrate on his driving.

However, says the article, you are a back-seat driver in the worse sense if you heckle the driver, give frantic directions at the last moment, criticize speed or otherwise take the driver's attention off the road.

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OUR COMPLETE SHORT STORY—**The professor was shy**

—By MADELINE ANGELL

**PROFESSOR PAUL FRAZIER** was not himself today. The zoology students filed silently into the classroom. Instead of greeting them with his usual smile, timid but eager, he stared out the window.

There was an unnatural tension among the girls also. No flutter of notebook pages; no pleasantries. Each took her seat. And waited.

Paul rose to turn on the light. Even the day was ominously dark. Sleet beat at the windowpanes. As he turned around, he could not resist looking at Camille. Always before, she had returned his gaze with what he flattered himself was a sympathetic response. Today she was staring intently at a diagram on the wall. He found himself won-

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**Fashions****Sew-Easy Separates**

by Anne Adams

Busy mom, whip up these wardrobe wonders in a jiffy! Minimum of pattern parts, no fitting worries — this was designed for beginners! Princess jumper, box jacket, blouse offer many changes for Monday-to-Sunday variety.

Pattern 4545: Children's Sizes 2, 4, 6, 8, 10. Size 6 blouse 1 yard 35-inch; jumper 1 1/4 yards 35-inch nap; jacket 1 1/4 yards.

This pattern is easy to use, simple to sew, is tested for fit. Has complete illustrated instructions.

Send thirty-five cents (35c) in coins (stamps cannot be accepted) for this pattern. Write plainly Name, Address and Style Number and send orders to:

**Department P.P.L.,  
Anne Adams Pattern Dept.,  
60 Front Street W., Toronto.**

gently by the shoulders, turned her to face him.

"Why did you confess something you didn't do?" he asked softly.

The play of light on her face made it appear ethereal. "I knew how much the honor system meant to you," she said simply. "It was the only thing I could think of, to restore your faith in us. But how did you know I didn't cheat?"

"I corrected your test paper just a few minutes ago, the first one you wrote."

There was surprise in her voice, and also relief. "You don't mean I flunked!"

His arm slipped to her waist. "No, darling, but you'd have done a lot better if you'd had a book open in front of you. Knowing you hadn't cheated, I could think of only one motive for your action in class today. That's what gave me the confidence to come to you tonight."

She came closer. The confession of her love was there, in the softness of her eyes, the tenderness of her smile. Paul forgot that he was shy. He kissed her, and then when he had released her he kissed her again.

(Copyright Wheeler Newspaper Syndicate)

**CANOE IN ROCKIES**

CALGARY.—Maurice L. Jubb, 21, of Vancouver, plans an 800-mile solo canoe trip through the Rockies from Calgary to Vancouver. He was here seeking a sponsor for the trip, which he estimates will take two months or more.

**BUSY DUCK**

BLACK DIAMOND, Alta.—W. M. Ross has a duck on his farm that just waddles around and lays eggs. It started laying Feb. 20, took time out July 12 and got back into production Aug. 1. At last count it had laid 178 eggs in 182 working days. 3110

**Canadian sheep going to Jerusalem**

**MEDICINE HAT.** — Sheep from Canada will be used by the Hebrew University of Jerusalem in an experiment in connection with sheep ranching in Israel.

Dr. Epstein says the aim of the university is to establish sheep breeding, mainly for milk production but with good yields too of mutton and wool.

"As dairy farming increases in importance, our dependence on sheep milk will gradually diminish and the importance of wool and meat will increase. Therefore, we now want to try Rambouillet which have not yet been brought to Israel but which have proven such a success in the United States and Canada."

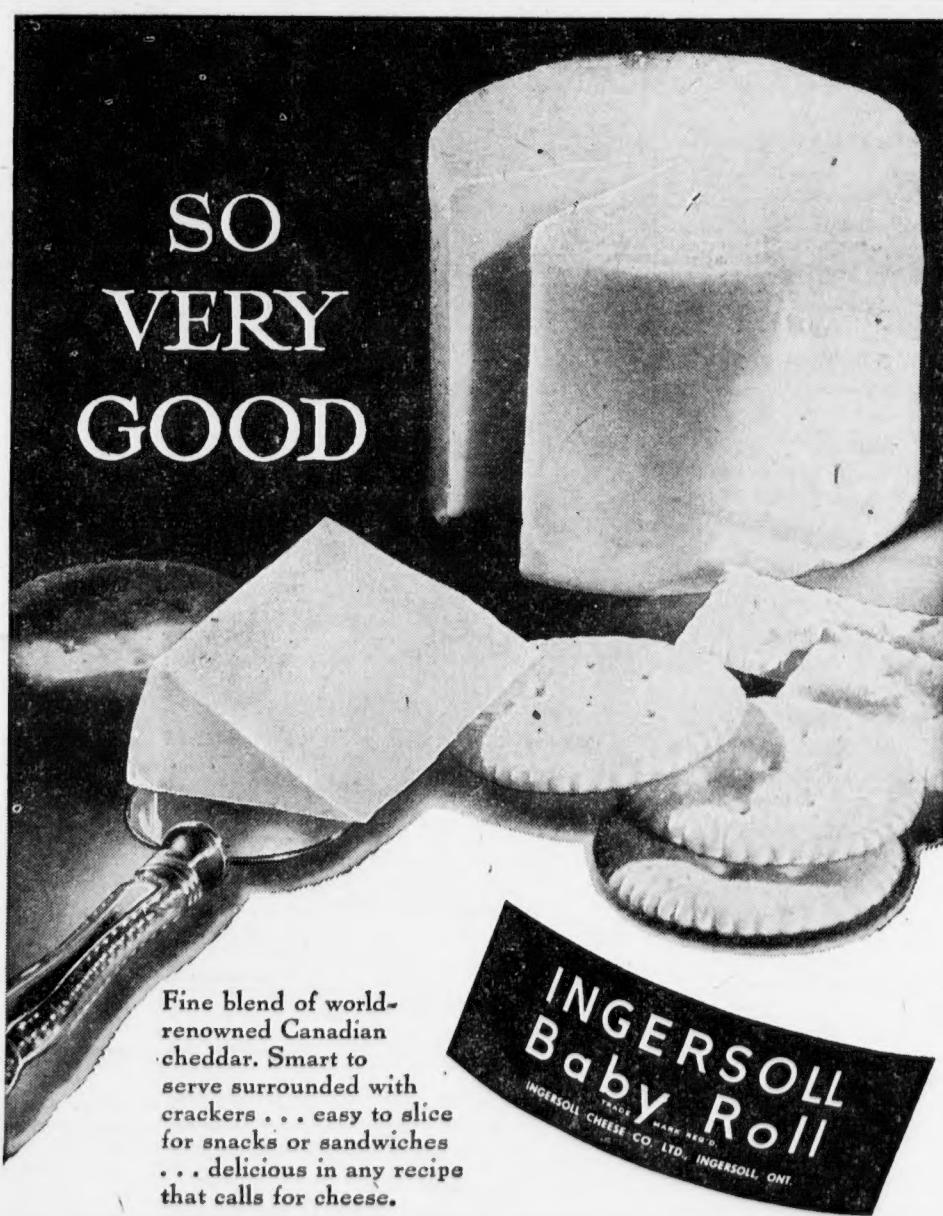
The initial shipment of Rambouillet will be returned to Mayor Veiner when he establishes his farm in Israel.

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Try Edoren, guaranteed herbal treatment for arthritic pains. Pleasant, safe, effective. Month's supply \$5. Money back guarantee. Write for particulars.

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**MACDONALD'S BRIER**  
*Canada's Standard Smoke*

—By Les Carroll

**THE TILLERS**

**HELLO HOMEMAKERS**  
By MRS. LORRAINE REA  
District Home Economist

**How Many Vegetables Do You Know?**

Listed below are 45 vegetables grown in Alberta. How many do you grow? How many do you eat regularly?

Artichoke, Asparagus, Beans—green, wax, shell or dry; Beans, soy; Beets, Beet Greens, Broccoli, Brussel Sprouts, Cabbage—Chinese, savoy, white, red; Cauliflower; Celery; Celery, Chives, Corn, Chard, Dandelion Cream, Eggplant, Kohlrabi, Kale, Lambs' Quarters, Lettuce, Leeks, Mushrooms, Onions, Parsley, Peas, Peppers, Pumpkin, Radish, Rutabagas, Squash—Hubbard, Summer; Turnip, Turnip Greens, Tomato, Vegetable Marrow.

It is important to select a variety of vegetables. Some contain more of certain vitamins and minerals than others. If our choice is wide and not limited to a few, we assure ourselves of getting more of these vitamins and minerals so essential to health.

The average Canadian doesn't eat enough vegetables. Why? Often it is not so much the fault of the vegetables as the fault of the cook. To encourage your family to eat a variety of vegetables, you must be sure that they are cooked to be attractive and tasty. Methods which produce the most appetizing dishes are also those which preserve the most food value.

**To Get the Good from Vegetables**

Eat some raw every day.

Cook quickly; use all the juices either with the vegetables or in sauces, gravies, soups and vegetable juice cocktails.

Store carefully to keep crisp and plump. Root vegetables are best stored in a cool, moist place, (send for our Bulletin "Home Storage of Fruit and Vegetables")

Remember, the greener the leaf, pod or stem, the richer in Vitamin A. The outer dark green leaves are much richer sources of iron and vitamins than the inner ones. Use these leaves.

Don't prepare vegetables until just before cooking. Pared vegetables chopped for salads, lose food value if left standing for any length of time. Leaving vegetables in water means loss of food value too.

Vegetables cut lengthwise retain more of their minerals and vitamins than if cut across.

and cold water. Dusting with a upon the individual child—no good foot powder is another set age is named by authorities. Some youngsters start to pull themselves to their feet and take a few steps long before others.

**CALL OF THE WILD**

Autumn is a great month for the hikers and hunters. All the traditional attractions of leaf colorings and beautiful little bubbling streams present themselves. Unfortunately, those apparently crystal clear streams are often badly polluted and drinking from them can be dangerous. It is safer to obtain water from a house or to carry it along with the other food supplies although it is possible to boil the water until it is safe to drink. There are a number of commercial water purifiers which are available from drug-gists which destroy bacteria in water.

**PARTY POISON**

It is very important that certain foods be kept under refrigeration if they must be kept over for any number of hours or overnight. Gravy, meat, poultry, custards, cream sauces and pie fillings, sandwich fillings and many other foods should never be kept at room temperature—some of them may become dangerous after as little as six hours after preparation, unless they are kept in the refrigerator. It is safest to make only the required amounts of creamy foods, so that there will be no leftovers.

**TIME FOR TALK**

The age at which a youngster starts to walk or talk depends

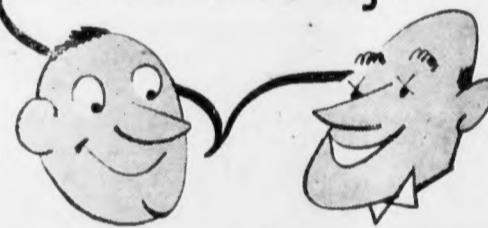
time they should pay their first visit to the dentist. Even at this early age, dental caries are often found in these first teeth but it is usually a simple matter to repair them and save the tooth. The health of the first teeth governs the condition of the second set. If the first teeth come out before the normal time, it often causes the permanent teeth to grow in crooked.

**Lady to Husband.** Dear, if we miss two payments on the washing machine, and one on the frig, we would have enough for a down payment on a television set. (No reflections on present T.V. owners).



Don't worry! I'll be back with some Canada Savings Bonds!

**automatic Savings...**



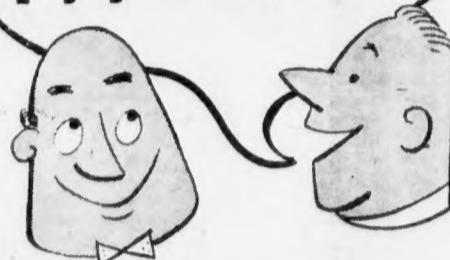
Nothing to forget, or "put off until tomorrow". You can elect to have payments for your Canada Savings Bonds deducted automatically on the Monthly Savings Plan at your bank, or on the Payroll Savings Plan where you work.

**better than cash...**



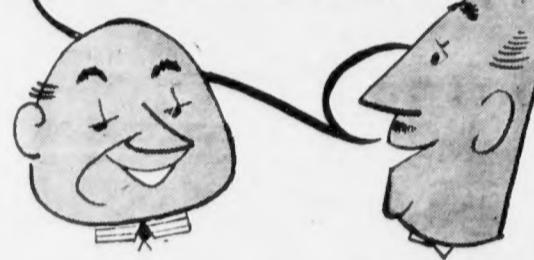
Your money works for you, pays a good return as long as you hold your Canada Savings Bonds. And, whenever you wish, you can turn them into cash at full face value — plus earned interest — at any time, at any bank.

**pay good interest...**



Canada Savings Bonds pay a high rate of interest for such a safe, instantly cashable investment... a full 3 1/4 per cent per year from the moment they're yours until the month end before you cash them.

**so convenient...**



Canada Savings Bonds come in sizes to suit everyone — \$50, \$100, \$500, \$1000 and \$5000. You can also buy the \$500, \$1000 and \$5000 sizes in fully registered form and your interest will be paid by cheque.

**...these and other features make Canada Savings Bonds a prime investment!**

The Ninth Series of Canada Savings Bonds will go on sale October 18th. The bonds will be dated November 1st, 1954 and will mature 12 years later on November 1st, 1966. They will pay a full 3 1/4% interest per year to maturity and will carry 12 annual interest coupons. They will be offered for sale at 100% up to November 15, 1954 in denominations of \$50, \$100, \$500, \$1000 and \$5000.

They must be registered in an individual's name — either adult or minor. This registration gives protection against the bonds being lost, stolen or destroyed.

In addition to coupon-type registered bonds, Canada Savings Bonds are again being made available in fully registered form in denominations of \$500, \$1000 and \$5000. Coupon and fully registered bonds will be interchangeable at any time.

Any one person is limited to \$5000 of this issue but every member of your family is entitled to hold this amount in his or her own name. See your bank, investment dealer or trust or loan company and make your arrangements now to buy the Ninth Series Canada Savings Bonds for cash or on convenient instalments... or sign up on the Payroll Savings Plan where you work.

**Everyone has something to save for**

**Buy Canada Savings Bonds**

CS. 54-3W



**THOSE ACHING FEET!**

Tired and aching feet don't do a thing for the facial beauty. The tiredness and pain is usually reflected in a frown and tenseness of expression. No one can walk really smartly and with poise if those poor feet are suffering. The best way to avoid foot misery is to have properly fitted shoes. A daily foot bath is helpful, finishing it with alternate plunges of the feet into hot